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Attorney Docket No.: N1085-00265  
TSMC2003-1028

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## **FACSIMILE TRANSMITTAL SHEET**

In re application of: Yi-Nien Su et al.

Examiner: Victor V. Yevsikov

Serial No.: 10/824,132

Group Art Unit: 2891

Filed: 04/14/2003

Confirmation No.: 6437

**For: DUAL DAMASCENE STRUCTURE FORMED OF LOW-K DIELECTRIC MATERIALS**

**TO:** Examiner Victor V. Yevsikov

**FIRM/COMPANY:** Commissioner for Patents

**FACSIMILE NUMBER:** 703.872.9306

**CONFIRMATION  
TELEPHONE:**

**FROM:** Mark J. Marcelli

**DIRECT DIAL:** 619.744.2243

**DATE:** July 18, 2005

**TOTAL # OF PAGES:**  
(INCLUDING COVERSHEET)

**MESSAGE:** Attached is an Information Disclosure Statement Transmittal Letter and Information Disclosure Statement by Applicant.

**NOTE:** Original will not follow

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ATTORNEY DOCKET NO.: N1085-00265

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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For: DUAL DAMASCENE STRUCTURE FORMED OF LOW-K DIELECTRIC  
MATERIALSI hereby certify that this document (and any documents referred to therein) are being sent by facsimile to  
(703) 872-9306 addressed to the following:Examiner Victor V. Yevsikov  
Mail Stop AF  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Date: July 18, 2005

  
Maria E. ProvencioINFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Dear Sir:

Enclosed herewith is an Information Disclosure Statement pursuant to 37 CFR.  
§ 1.56 in connection with the above-identified application, which statement is being filed:

- ☐ Together with the present application.
- ☐ Before the first Office Action on the merits or three (3) months from the filing date of this application, whichever occurs last. [37 CFR § 1.97(b)]
- ☐ After the first Office Action on the merits, but before a Final Office Action under §1.113 or Notice of Allowance under §1.311, whichever occurs first. [37 CFR § 1.97(c)]
- ☒ After a Notice of Allowance under §1.311, but prior to payment of the Issue Fee. [37 CFR § 1.97(i)]

## ATTORNEY DOCKET NO.: N1085-00265

Consistent with Applicant's obligations pursuant to 37 CFR §§1.97 and 1.98, the following requirements have been met:

☒ No separate requirements are needed.

☒ No additional fee is required.

☐ **Fee Under 37 CFR § 1.97(c)**

The fee of \$180.00 for submission of an IDS under § 1.97(c) as set forth in § 1.17(p) accompanies this statement.

☐ **Fee Under 37 CFR § 1.97(d)**

The fee of \$180.00 for submission of an information disclosure statement under § 1.97(d) set forth in § 1.17(p) accompanies this statement.

☐ **Certification Under 37 CFR § 1.97(e)**

- ☐ Each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; or
- ☐ No item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in this statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this statement.

**Provision of Copies of References**

- ☒ A copy of each of the non-U.S. patent references listed on the attached Form PTO-1449 is enclosed herewith and forms a part hereof.
- ☐ Partial Translation is enclosed herewith and form a part hereof.
- ☐ A copy of the European Search Report from a corresponding or related EPO application is enclosed herewith.
- ☐ A copy of the International Search Report from a corresponding or related PCT application is enclosed herewith.

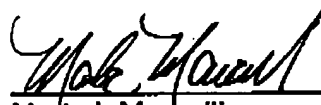
ATTORNEY DOCKET NO.: N1085-00265

**Identification of Prior Application(s) In Which Listed Information Was Already Cited And For Which No Copies Are Submitted Or Need Be Submitted**

- [ ] This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior U.S. Application No(s). The following references were submitted to, and/or cited by, the Office in the prior application(s) and therefore are not required to be provided in this application:
- [x] The Commissioner is hereby authorized to charge any fees associated with this communication or credit any overpayment to Deposit Account No. 04-1679. A duplicate copy of this transmittal is attached.

Respectfully submitted,

DATE: July 18, 2005

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PTO/SB/08B (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete If Known**

Application Number	10/824/132
Filing Date	04/14/2004
First Named Inventor	Yi-Nien Su et al.
Art Unit	2891
Examiner Name	Victor V. Yevsikov
Attorney Docket Number	N1085-00265

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		A. KAJITA, et al., Highly Reliable Cu/low-k Dual-Damascene Interconnect Technology with Hybrid (PAE/SiOC) Dielectrics for 65 nm-node High Performance eDRAM, Proceedings of the IEEE 2003 International Interconnect Technology Conference, June 2003	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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SD/75130